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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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	Sind control number.
C	complete if Known
Application Number	10/644,748
Filing Date	August 21, 2003
First Named Inventor	LIVINGSTONE, James I.
Art Unit	3672
Examiner Name	Collins, Giovanna M.
Attorney Docket Number	52502-16

			U.S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.¹	Document Number Number-Kind Code ^{2 (A Lucim)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1010		US-4,744,420	May 17 1988	Patterson et al.	
		US-6,213,201	April 10, 2001	Renkis	
		US-6,192,985	Feb. 27, 2001	Hinkel et al.	
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One		WO 97/35093	09-25-1997	Misselbrook et al.		
7		EP 0787886	05-02-1997	Anadrill International SA		
		WO 02/10549	02-07-2002	Weatherford/Lamb Inc.		
		WO 01/90528	11-29-2001	Gardes		
	Ĭ .	FR 2597150	04-11-1986	Bonafice et al.		
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Substitu	ute for form 1449/PTO			C	Complete if Known				
	WEODMATIO	u Dic	CI OCUBE	Application Number	10/644,748				
	INFORMATION STATEMENT			Filing Date	August 21, 2003				
	(use as many sh			First Named Inventor	Livingstone, James I.				
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İ				Examiner Name	Collins, Giovanna M.				
Sheet	2	of	5	Attorney Docket Number	52502-16				

			U.S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.'	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
		Number-Kind Code ^{2 (3) (rom)}			Passages or Relevant Figures Appear
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		US-5,020,611	June 4, 1991	Morgan et al.	
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ma		WO 00/57019	09-28-2000	Mocivnik et al.		
	-	EP 1 245 783	02-10-2002	Anadrill International SA		
		CA 1,325,969	10-28-1987	Sudol		
		WO 97/05361	02-13-1997	Misselbrook et al.		
Me		GB 2368079	10-18-2000	Pia:		

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		ON 510		Application Number	10/644,748			
	INFORMATI			Filing Date	August 21, 2003			
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	Sheet 3 of 5		Examiner Name	Collins, Giovanna M.				
Sheet			5	Attorney Docket Number	52502-16			

		0,	U.S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Number-Kind Code ^{2 (r trown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
Your	 	US-6,405,809	June 18, 2002	Patel et al.	Figures Appear
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1		US-5,396,966	March 14, 1995	Roos, Jr. et al.	
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Examiner Initials*	Cite No.'	Foreign Patent Document Country Code*Number*Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
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Substit	ute for forn	n 1449/PT(5		Complete if Known			
	INITO	DALATIO	N DIC	CLOCHDE	Application Number	10/644,748		
	_			CLOSURE	Filing Date	August 21, 2003		
				PPLICANT necessary)	First Named Inventor	LIVINGSTONE, James I.		
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					Examiner Name	Collins, Giovanna M.		
Sheet	4	•	of	5	Attorney Docket Number	52502-16		

			U.S. PATENT D	OCUMENTS			
Examiner Initials*	Cite No.'	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant		
11		Number-Kind Code ^{2 (4 known)}			Passages or Relevant Figures Appear		
074-	1	US-4,391,328	July 5, 1983	Aumann			
	1	US-5,575,451	Nov. 19, 1996	Colvin et al.			
		US-4,461,448	July 24, 1984	Huey et al.			
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ı		US-4,647,002	March 3, 1987	Crutchfield			
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7		US-5,890,540	April 6, 1999	Pia et al.			
		US-6,109,370	August 29, 2000	Gray			
		US-3,416,618	Dec. 17, 1968	Kunnemann			
		US-4,718,503	Jan. 12, 1988	Stewart			
		US-4,739,844	April 26, 1988	Farris et al.			
		US-5,174,394	Dec. 29, 1992	Fischer et al.			
me		US-5,199,515	April 6, 1993	Sinclair et al.			
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ⁵ Number Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant				
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Substitute for form 1449/	PTO	Complete If Known				
Cubstitute for form 1440		Application Number	10/644,748			
INFORM	MATION DISCLOSURE	Filing Date	August 21, 2003			
_	MENT BY APPLICANT	First Named Inventor	LIVINGSTONE, James I.			
_	many sheets as necessary)	Art Unit	3672			
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Sheet 5	of 5	Attorney Docket Number	52502-16			

		NON PATENT LITERATURE DOCUMENTS				
Examiner Cite No. '		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), of publisher, city and/or country where published				
Don		UNDERBALANCED DRILLING; Nows∞				
	111	Nowsco/Downhole Systems: "Test, Treat, Test System Using a Concentric Coiled Tubing/DST Package": Hoyer, Fried & Sask				
		BlackMax Downhole Tools; An NQL Drilling Tools Inc. Company; Electro Magnetic Measurement While Drilling; Oil & Gas Application; EM=MWD				
		Logging While Drilling; http://www.odp.tamu.edu/publications/196 IR/chap 2/c2 .htm				
		Drilling and Formation Evaluation; Baker Hughes; www.bakerhughes.com/bakerhughes/products/well.htm				
		On Trak MWD System; Baker Hughes; www.bakerhughes.com/inteq/evaluation/ontrak/index.htm				
\top		PressTEQ Application Examples; Baker Hughes; www.bakerhughes.com/inteq/D&P/pressure/index.htm				
		Thruster Drilling System; Baker Hughes; www.bakerhughes.com/integ/Drilling/thruster/index.htm				
		Coiled Tubing; Baker Hughes; Baker Oil Tools Coiled Tubing Solutions; www.bakerhughes.com/bot/coiled_tubing/index/htm				
		COLT Coil Tubing Drilling Bottom Hole Assembly; Antech Special Engineering Products; Coiled Tubing Downhole Tools				
de		US Patent Application 10/644749 filed on August 21, 2003 by James Livingstone				

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Examiner Signature	M	mlo		Date Considered	1	14	104	

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